

US Patent Application Serial No. 10/075,831
Amendment Dated 10/11/03
Reply to Office Action Dated 7/16/03

Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A bracket for attaching a peripheral device within a bay of a chassis of a computer system, said chassis comprising a first face having a chassis face aperture therein, a second face, ~~and~~ a support bar slot configured on said second face, and a chassis hooking mechanism, said bracket comprising:

a bracket face plate body comprising ~~an~~ a bracket face plate aperture for receiving a peripheral device therethrough;

a bracket hooking mechanism for detachably hooking to said chassis hooking mechanism~~therein;~~

a support bar extending from said bracket face plate body;

a support bar tab protruding from said support bar; and

a fastener for fastening said bracket to said peripheral device when said peripheral device is ~~seated within~~ inserted through said bracket face plate body aperture and seated therein in a predetermined position; ~~at a predetermined cross-sectional portion of said peripheral device such that~~

wherein a front panel of said peripheral device aligns within is made accessible through said chassis face aperture when said peripheral device is fastened to said bracket with said fastener, said support bar tab is seated in said support bar slot, and said bracket hooking mechanism is detachably hooked to said chassis hooking mechanism ~~said bracket is pivoted towards said first face of said chassis such that said support bar is normal to said first face of said chassis.~~

2. (Currently Amended) A bracket in accordance with claim 1, wherein:
said chassis hooking mechanism comprises a chassis tab; and

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said bracket hooking mechanism comprises a hook portion configured to hook around said chassis tab

~~said bracket body comprises a hook portion which hooks over a lance provided on said chassis when said bracketed peripheral device is properly seated in said bay.~~

3. (Currently Amended) A bracket in accordance with claim 1, wherein:
said bracket face plate aperture is form-fitted to a circumferential shape of a cross-sectional portion of said peripheral device within said bracket face plate aperture when said peripheral device is fastened to said bracket with said fastener

~~said bracket body aperture is form-fitted to said predetermined cross-sectional portion of said peripheral device.~~

4. (Currently Amended) A bracket in accordance with claim 1, wherein:
said chassis face aperture is form-fitted to a circumferential shape of said front panel of said peripheral device.

5. (Original) A bracket in accordance with claim 1, wherein:
said second face of said chassis comprises a face opposite to said first face.

6. (Original) A bracket in accordance with claim 1, wherein:
said second face of said chassis comprises a face adjacent to said first face.

7. (Currently Amended) A bracket in accordance with claim 1, wherein:
said bracket face plate is configured to seal said chassis face aperture when said peripheral device is fastened to said bracket with said fastener, said support bar tab is seated in said support bar slot, and said bracket hooking

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mechanism is detachably hooked to said chassis hooking mechanism, to prevent electromagnetic radiation from passing through said chassis face aperture
~~said bracket body abuts against said first face of said chassis when said bracket is properly seated in said bay to thereby prevent electromagnetic radiation from escaping said bay through said chassis face aperture.~~

8. (Currently Amended) A bracket in accordance with claim 1, comprising:

at least one additional support bar extending from said bracket face plate, protruding from said bracket body each having a support tab corresponding support bar tab which fits into a corresponding additional support tab slot in said chassis.

9. (Currently Amended) A computer system housing, comprising:
a chassis comprising a bay for receiving a peripheral device, said bay comprising a first face having a chassis face aperture therein, a second face, a chassis hooking mechanism, and a support bar slot configured on said second face;

a peripheral device having a front panel and a body;

a bracket attached to said peripheral device, said bracket comprising:

a bracket face plate comprising a bracket face plate aperture for receiving a peripheral device therethrough;

a bracket hooking mechanism for detachably hooking to said chassis hooking mechanism;

a support bar extending from said bracket face plate;

a support bar tab protruding from said support bar; and

a fastener for fastening said bracket to said peripheral device when said peripheral device is inserted through said bracket face plate aperture and seated therein in a predetermined position;

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wherein a front panel of said peripheral device is made accessible through said chassis face aperture when said peripheral device is fastened to said bracket with said fastener, said support bar tab is seated in said support bar slot, and said bracket hooking mechanism is detachably hooked to said chassis hooking mechanism

~~a bracket body having a bracket body aperture therein;
a support bar extending from said bracket body; and
a tab protruding from said support bar;~~

~~wherein said peripheral device is seated within said bracket body aperture at a predetermined cross sectional portion of said peripheral device such that said front panel of said peripheral device aligns within said chassis face aperture when said peripheral device is fastened to said bracket, said tab is seated in said support bar slot, and said bracket is pivoted towards said first face of said chassis such that said support bar is normal to said first face of said chassis.~~

10. (Currently Amended) A computer system housing in accordance with claim 9, wherein:

said chassis hooking mechanism comprises a chassis tab; and
said bracket hooking mechanism comprises a hook portion configured to hook around said chassis tab

~~said chassis comprises a lance; and
said bracket body comprises a hook portion which hooks over said lance
when said bracketed peripheral device is properly seated in said bay.~~

11. (Currently Amended) A computer system housing in accordance with claim 9, wherein:

said bracket face plate aperture is form-fitted to a circumferential shape of a cross-sectional portion of said peripheral device within said bracket face plate aperture when said peripheral device is fastened to said bracket with said fastener

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~~said bracket body aperture is form-fitted to said predetermined cross-sectional portion of said peripheral device.~~

12. (Currently Amended) A computer system housing in accordance with claim 9, wherein:

said chassis face aperture is form-fitted to a circumferential shape of said front panel of said peripheral device.

13. (Original) A computer system housing in accordance with claim 9, wherein:

said second face of said chassis comprises a face opposite to said first face.

14. (Original) A computer system housing in accordance with claim 9, wherein:

said second face of said chassis comprises a face adjacent to said first face.

15. (Currently Amended) A computer system housing in accordance with claim 9, wherein:

said bracket face plate is configured to seal said chassis face aperture when said peripheral device is fastened to said bracket with said fastener, said support bar tab is seated in said support bar slot, and said bracket hooking mechanism is detachably hooked to said chassis hooking mechanism, to prevent electromagnetic radiation from passing through said chassis face aperture

~~said bracket body abuts against said first face of said chassis when said bracket is properly seated in said bay to thereby prevent electromagnetic radiation from escaping said bay through said chassis face aperture.~~

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16. (Currently Amended) A computer system housing in accordance with claim 9, wherein comprising:

at least one additional support bar extending from said bracket face plate,
~~protruding from said bracket body~~ each having a support tab corresponding
support bar tab which fits into a corresponding additional support tab slot in said chassis.

17. (Currently Amended) A method for attaching a peripheral device to a face of a chassis with a bracket, said bracket comprising a bracket body having a bracket body aperture therein, a support bar extending from said bracket body, and a support bar tab protruding from said support bar, said method comprising:

inserting said peripheral device through said bracket body aperture;

seating said peripheral device within said bracket body aperture at a predetermined position;

fastening said peripheral device to said bracket body when said peripheral device is inserted through said bracket face plate aperture and seated therein at said predetermined position ~~aperture at a predetermined cross-sectional portion of said peripheral device parallel to a front panel of said peripheral device;~~

inserting said support bar tab of said bracket into a support tab slot on a first face of said chassis;

pivoting said bracket towards a second face of said chassis, said second face having an aperture therein form-fitted to the shape of said front panel of said peripheral device; and

positioning said front panel of said peripheral device into alignment within said aperture of said second face of said chassis.

18. (Currently Amended) A method in accordance with claim 17, wherein said positioning step comprises:

hooking said bracket body over a lance protruding member attached to said second face of said chassis.

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19. (Currently Amended) A method for removing a peripheral device from the bay of a chassis, said peripheral device having a front panel aligned within a chassis aperture of a first face of said chassis and attached to said chassis with a bracket, said bracket comprising a bracket body having a bracket body aperture therein, a support bar extending from said bracket body, and a support bar tab protruding from said support bar and extending into a support tab slot on a second face of said chassis, said method comprising:

compressing said front panel of said peripheral device into said bay of said chassis such that it clears an upper edge of said chassis aperture; and
pivoting said bracket away from said chassis aperture inside said bay; and
removing said support bar tab on said support bar of said bracket from said support tab slot.

20. (Currently Amended) A method in accordance with claim 19, wherein:
prior to said pivoting step, unhooking a hook portion on said bracket body from a ~~lance~~ protruding member on said chassis.

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